

122766 to 122964—Continued

122852. *DRACEPHALUM MOLDAVICA* L. Menthaceae.

No. 1338. *Tsemnik*. From Kapalu, Baltistan, Kashmir, August 28, 1936, at 6,000 feet altitude. Seed used as a condiment. An annual with lanceolate, crenate leaves and loose clusters of small blue or white flowers. Native to Europe.

122853. *EPHEDRA PACHYCLADA* Boiss. Gnetaceae.

No. 1358. *Tsepat*. From Tarkalung, Baltistan, Kashmir, September 5, 1936, at 9,000 feet altitude, in both dry and damp situations. An attractive shrub growing in large rounded clumps 3 to 4 feet high, loaded with red berrylike fruits. Native to central Asia.

122854. *FRAXINUS XANTHOXYLOIDES* (G. Don) Wall. Oleaceae.

No. 1466. *Fungmaniguk*. From Tiro, Lahul, Punjab, October 22, 1936, at 9,000 feet altitude. A shrub or small tree found on dry slopes. The branches are spreading, and the leaves have 5 to 9 oval to oblong leaflets. Native to the western Himalayan region.

122855. *FRITILLARIA* sp. Liliaceae.

No. 1745. Presented by the Director, Department of Agriculture, Kashmir.

122856. *FRITILLARIA ROYLEI* Hook. Liliaceae.

No. 1679. Presented by the Director, Department of Agriculture, Kashmir. A fritillaria with whorled or opposite linear-lanceolate leaves, 2 to 4 inches long; and solitary or few nodding flowers on stems 1 to 2 feet high. The flowers are $1\frac{1}{2}$ to 2 inches long, campanulate, yellow-green, tessellated with dull purple. Native to the Himalayan region at altitudes of 8,000 to 10,000 feet.

122857. *GALIUM VERUM* L. Rubiaceae.
Yellow bedstraw.

No. 1552. From Kyelang, Lahul, Punjab, October 10, 1936, at 10,500 feet altitude. An attractive perennial found in dry places, growing in mats about 1 foot high, with very small, fragrant yellow flowers.

122858 to 122861. *GENTIANA* spp. Gentianaceae.

Nos. 122858 to 122860. *Tikta*. From Pukar, Lahul, Punjab, September 1936, from 12,000 to 13,000 feet altitude.

122858. *GENTIANA* sp.

No. 1611.

122859. *GENTIANA* sp.

No. 1603.

122860. *GENTIANA* sp.

No. 1605.

122861. *GENTIANA* sp.

No. 1500. *Tikta*. From Gundla, Lahul, Punjab, October 23, 1936, at 11,000 feet altitude. A biennial or perennial, growing 18 inches high in rather dry soil. The large blue-purple flowers are three-fourths of an inch across.

122862 to 122865. *IMPATIENS* spp. Impatiensaceae.

122862. *IMPATIENS* sp.

No. 1539. From Manali, Kulu, Punjab, October 27, 1936, at 6,500 feet alti-

122766 to 122984—Continued

tude, in shady places. A tall plant up to 10 feet high, with large pink flowers.

122863. *IMPATIENS* sp.

No. 1592. *Mardonn*. From Pukar, Lahul, Punjab, August 1936, at 12,000 feet altitude. An attractive annual $2\frac{1}{2}$ to 3 feet high, growing in hayfields. The flowers, about 1 inch long, are rose-purple with yellow in the throat.

122864. *IMPATIENS* sp.

No. 1593. *Fidonn*. A coarse annual growing to 10 feet high, in and along water. Flowers rose purple and 1 inch long.

122865. *IMPATIENS* sp.

No. 1782. A collection of seeds brought from Lahul by a native.

122866. *INDIGOFERA LEPTOSTACHYA* DC. Fabaceae.

No. 1524. From Koti, Kulu, Punjab, at 9,000 feet altitude. A well-formed graceful slender-branched shrub up to 8 feet high, producing an abundance of very attractive small, rose-purple flowers. Native to the Himalayan region.

122867. *DESMODIUM TILIAEFOLIUM* (D. Don) G. Don. Fabaceae.

No. 1532. From Koti, Kulu, Punjab, October 26, 1936, at 9,000 feet altitude. An attractive deciduous shrub with loose slender branches, thick green trifoliate leaves about 4 inches long, and rose to pink flowers in lax racemes often a foot long. The plant grows on dry isolated slopes and will stand freezing.

For previous introduction see 116800.

122868. *INULA ROYLEANA* DC. Asteraceae.
Blackbud inula.

No. 1487. *Manruta*. From Kolung, Lahul, Punjab, October 14, 1936, at 12,000 feet altitude. A cultivated plant with large ovate, hairy leaves and orange-yellow flower heads 2 to 3 inches across, borne on a stem up to 5 feet high.

For previous introduction see 51037.

122869 to 122875. *IRIS* spp. Iridaceae.

122869 and 122870. *IRIS KUMAONENSIS* Wall.

A dwarf iris of the *Pseudevansia* section, 2 to 12 inches high, native to the western Himalayas from Kashmir to Kumaon between 9,000 and 12,000 feet altitude. The flaccid linear leaves are 12 to 14 inches long, and the solitary flowers have a perianth tube 2 to 3 inches long. The bright lilac falls, 1 to 2 inches long, are blotched with darker lilac, and the claw has a beard of yellow-tipped hairs on a white crest. The erect standards are $1\frac{1}{2}$ inches broad.

For previous introduction see 110098.

122869. No. 1571. *Prangalch*. From Kolung, Lahul, Punjab, August 15, 1936, at 12,000 feet altitude.

122870. No. 1730. Presented by the Director, Department of Agriculture, Kashmir.

122871. *IRIS* sp.

No. 1646. From Chitkul, Rampur-Bushahr, August 26, 1936. A plant 2 feet high, with nearly stemless bloom and leaves 5 mm. wide.